DATE: 07/18/2001

OIPE

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291 292 294 295 297 299 301 303 305 307 312 313 314 315 317 318 320 322 324 327 328	<pre>&lt;212&gt; TYPE: DNA &lt;213&gt; ORGANISM: Gossypium hirsutum &lt;220&gt; FEATURE: &lt;223&gt; OTHER INFORMATION: Clone ID: LIB3493-042-P1-M1-G10 &lt;400&gt; SEQUENCE: 14 ggaaacttga attatggtaa ctcattccag gttcaatcag tcaatgtcat gagatgcacc ttctcattg cctatgaagg attctaactc tgtcgggatc cctagttcat caggtcatac aatgcctggc atgatgcaaa tgatgcctac cggaaatagt gaacggtctg ggacccagtc tgtgaatcct ggaaacttac cggttatgtt cgggtacttg cctgttcaac ttccactgtt ggataaagat aatccctggg gtatggtctc tcaccctccg caaatactgt ctttatgct gtg &lt;210&gt; SEQ ID NO: 15 &lt;211&gt; LENGTH: 80 &lt;212&gt; TYPE: DNA &lt;213&gt; ORGANISM: Gossypium hirsutum &lt;220&gt; FEATURE: &lt;223&gt; OTHER INFORMATION: Clone ID: LIB3493-042-P1-M1-G11 &lt;400&gt; SEQUENCE: 15 ctggattaca tcattaatgt ctatttagtg gctagagaat tagtgatgtg tgagcctgtt aagaatcttt atgtggaaaa</pre>	120 180 240 300 303

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/732,627A

DATE: 07/18/2001
TIME: 16:26:15

Input Set : D:\pa\_00325\_f220.txt

Output Set: N:\CRF3\07182001\1732627A.raw

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330 <213> ORGANISM: Gossypium hirsutum
 332 <220> FEATURE:
 333 <223> OTHER INFORMATION: Clone ID: LIB3493-042-P1-M1-G12
 335 <400> SEQUENCE: 16
 337 aacaaaacta ttctttactc tcaccttact tccccatcta tttaggtgtg atgtatctta
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 339 gttcttgact aattatccaa tcacaccagc aaagtctttt ctcaatgatc tcatcaacct
 341 caaceteaac gacaceactg aaaagateat ageegaatae atatggatee ggggatetgg
                                                                          180
 343 tatggatett agaageaaag caaagaettt geettgacea ttgacegace etttaaaaet
                                                                          240
 345 tccgaatatg
                                                                          250
 348 <210> SEQ ID NO: 17
 349 <211> LENGTH: 232
 350 <212> TYPE: DNA
 351 <213> ORGANISM: Gossypium hirsutum
 353 <220> FEATURE:
 354 <223> OTHER INFORMATION: Clone ID: LIB3493-042-P1-M1-G2
 356 <400> SEQUENCE: 17
 358 cttttcaaaa aaataaaaa cctcttgtac cgctcagcta tcttagtttc ttatcatgga
 360 tttttctaaa aataaaaaa aacaatcaaa tgacatgaac cctaaaccag cagtatatgg
                                                                         120
 362 gtccgtaaag gatcacctgc tagaaaaacc ccaagaaaaa aaggtggaat atttgatttt
                                                                         180
 364 atggcgcctt ttaactcgtg aacatacggc tgattctgat tactcatgca tc
 367 <210> SEQ ID NO: 18
 368 <211> LENGTH: 131
 369 <212> TYPE: DNA
 370 <213> ORGANISM: Gossypium hirsutum
 372 <220> FEATURE:
373 <223> OTHER INFORMATION: Clone ID: LIB3493-042-P1-M1-F7
375 <400> SEQUENCE: 18
377 gtcaaaaggt gagaacatca gtccctagct tccaatatgc acctgaccat agagatagct
                                                                          60
379 taaaaaatgc ctatgattgg acccaacagg agatttatgt tctgttagag ggttggggga
                                                                         120
381 ataggttttt q
                                                                         131
384 <210> SEQ ID NO: 19
385 <211> LENGTH: 310
386 <212> TYPE: DNA
387 <213> ORGANISM: Gossypium hirsutum
389 <220> FEATURE:
390 <223> OTHER INFORMATION: Clone ID: LIB3493-042-P1-M1-F8
392 <400> SEQUENCE: 19
394 cggacgcgtg gggaagctaa aggagtagtg aagcacatat tgttggcaaa ggtcaaagat
396 gaaateeeac etgagaagat tgaggaaete ataaaagget atgeeaatet tgttaatete
398 attcacccca tgaaagcttt ccactggggg aagggtgtta gtattgagaa cctgcatcaa
400 gggttcactc atgtgtttga atccacattt gaaagcacag aggggattgc tgagtatata
402 gctcatcctg ctcacgtgga gttagctatc tgtttcttcc catcttggac aaggttattg
                                                                        300
404 tatttttcta
                                                                         310
407 <210> SEQ ID NO: 20
408 <211> LENGTH: 152
409 <212> TYPE: DNA
410 <213> ORGANISM: Gossypium hirsutum
412 <220> FEATURE:
413 <223> OTHER INFORMATION: Clone ID: LIB3493-042-P1-M1-F9
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Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 07/18/2001 PATENT APPLICATION: US/09/732,627A TIME: 16:26:16

Input Set : D:\pa\_00325\_f220.txt

Output Set: N:\CRF3\07182001\I732627A.raw

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L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
 L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
 L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
 L:566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
 L:607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
 L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
 L:874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
 L:892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
 L\!:\!1059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
 L:1083 \ M:341 \ W: (46) "n" or "Xaa" used, for SEQ ID#:51
 L:1249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:1574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
 L:1658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76
 L:1713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78
 L:2034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
 L\!:\!2036~M\!:\!341~W\!: (46) "n" or "Xaa" used, for SEQ ID#:90
 L:2869 \ M:341 \ W: (46) "n" or "Xaa" used, for SEQ ID#:124
 L:3138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134
 L:3324 \text{ M}:341 \text{ W}: (46) \text{ "n" or "Xaa" used, for SEQ ID}\#:141
L:3465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147
L:3467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147
L:3577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152
L:3622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154
L:3729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:158
L\colon\!3815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:161
L:3899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:164 L:4170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174
L:4294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:179
L:4375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183
L:4551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190
L:4592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:192
L:4859 \ M:341 \ W: (46) "n" or "Xaa" used, for SEQ ID#:204
L\!:\!4917 M\!:\!341 W\!: (46) "n" or "Xaa" used, for SEQ ID#:207
L:5063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214
L:5160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218
L:5308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225
L:5310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225
L:5426~M:341~W: (46) "n" or "Xaa" used, for SEQ ID#:230
L:5617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238
L:5687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241
L:5971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254
L:6001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255
L:6003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255
L:6360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269
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VERIFICATION SUMMARY

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Input Set : D:\pa\_00325\_f220.txt

Output Set: N:\CRF3\07182001\1732627A.raw

L:6388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 L:6390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270